

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/001803

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, BIOSIS, WPI Data, INSPEC, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LEMP ELSE ET AL: "Solvent effect on the sensitized photooxygenation of 2,3-dihydropyrazine derivatives." THE JOURNAL OF ORGANIC CHEMISTRY. 18 APR 2003, vol. 68, no. 8, 18 April 2003 (2003-04-18), pages 3009-3016, XP002296296 ISSN: 0022-3263 page 3010, figure 1, table 1 entry 3, paragraph "Results"; page 3014, middle right-hand column; page 3015, right-hand column, "Experiemtnal Section"</p> <p>-----</p> <p>-/-</p>	1-6

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

/ *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
17 September 2004	08/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hennard, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VLAHOVICI A ET AL: "A study of the dimethyl 3-benzoyl-5(2'-pyridyl)-indolisine-1,2-dicarb oxylate exciplexes with alcohols" JOURNAL OF LUMINESCENCE, AMSTERDAM, NL, vol. 96, no. 2-4, March 2002 (2002-03), pages 279-285, XP004343727 ISSN: 0022-2313 page 280, paragraph 2; page 281, table 1, entry 13; page 285, paragraph 4 -----	1,3-6
X	HAMADA FUMIO ET AL: "Synthesis and fluorescent molecular sensing at exciplex emission of pyrene- and cyanobenzene-modified gamma-cyclodextrins" J CHEM SOC PERKIN TRANS 2; JOURNAL OF THE CHEMICAL SOCIETY. PERKIN TRANSACTIONS 2 2001, no. 3, 2001, pages 388-394, XP002296297 page 389, paragrap 2.3 -----	1,3
X	BALON MANUEL ET AL: "Hydrogen-bonding and proton transfer interactions between harmane and trifluoroethanol in the ground and excited singlet states" PHOTOCHEMISTRY AND PHOTOBIOLOGY, vol. 67, no. 4, April 1998 (1998-04), pages 414-419, XP009036503 ISSN: 0031-8655 page 414, abstract; page 415, figure 1; page 417, "Discussion" -----	1-3,6
X	MORGAN J P ET AL: "PHOTOCHEMISTRY AND PHOTO PHYSICS OF GUANINE CONTAINING DI NUCLEOSIDES" PHOTOCHEMISTRY AND PHOTOBIOLOGY, vol. 29, no. 6, 1979, pages 1107-1114, XP009036501 ISSN: 0031-8655 page 1107, abstract, "Materials and Methods"; page 1110, middle left-hand column -----	1-5
X	US 6 475 730 B1 (DOUGLAS KENNETH T ET AL) 5 November 2002 (2002-11-05) claims -----	7-46
A	US 6 194 146 B1 (UTERMOHLEN JOSEPH G ET AL) 27 February 2001 (2001-02-27) column 3, lines 15-19; examples 13, 21-24, 26, 29 -----	7-46
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YAMANA K ET AL: "2'-Pyrene modified oligonucleotide provides a highly sensitive fluorescent probe of RNA" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 27, no. 11, 1 June 1999 (1999-06-01), pages 2387-2392, XP002246724 ISSN: 0305-1048 page 2388, right-hand column -----	1-46

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Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 6475730	B1	05-11-2002	AU AU CA EP WO JP	772992 B2 1867400 A 2355352 A1 1141393 A2 0040751 A2 2002534097 T	13-05-2004 24-07-2000 13-07-2000 10-10-2001 13-07-2000 15-10-2002
US 6194146	B1	27-02-2001	US WO WO	5948617 A 9919511 A1 9856955 A1	07-09-1999 22-04-1999 17-12-1998